

Raimundo Garcia-Olcina

List of Publications by Year in descending order

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docs citations

35
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	RF Acquisition System Based on $\hat{1}/4$ TCA for Testing of High-Gradient Acceleration Cavities. Electronics (Switzerland), 2022, 11, 720.	3.1	0
2	Performance Study of Split Ferrite Cores Designed for EMI Suppression on Cables. Electronics (Switzerland), 2020, 9, 1992.	3.1	10
3	Effectiveness Assessment of a Nanocrystalline Sleeve Ferrite Core Compared with Ceramic Cores for Reducing Conducted EMI. Electronics (Switzerland), 2019, 8, 800.	3.1	12
4	Transmission Attenuation Power Ratio Analysis of Flexible Electromagnetic Absorber Sheets Combined with a Metal Layer. Materials, 2018, 11, 1612.	2.9	17
5	Characterization of Different Cable Ferrite Materials to Reduce the Electromagnetic Noise in the 2â€“150 kHz Frequency Range. Materials, 2018, 11, 174.	2.9	18
6	Optimization of a Time-to-Digital Converter and a coincidence map algorithm for TOF-PET applications. Journal of Systems Architecture, 2015, 61, 40-48.	4.3	7
7	Timing Results Using an FPGA-Based TDC with Large Arrays of 144 SiPMs. IEEE Transactions on Nuclear Science, 2015, 62, 12-18.	2.0	10
8	Time of flight measurements based on FPGA using a breast dedicated PET. Journal of Instrumentation, 2014, 9, C05012-C05012.	1.2	3
9	Time-to-Digital Converter Based on FPGA With Multiple Channel Capability. IEEE Transactions on Nuclear Science, 2014, 61, 107-114.	2.0	42
10	Time of flight measurements based on FPGA and SiPMs for PETâ€“MR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 734, 127-131.	1.6	8
11	High resolution Time of Flight determination based on reconfigurable logic devices for future PET/MR systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 73-76.	1.6	9
12	Label swapper device for spectral amplitude coded optical packet networks monolithically integrated on InP. Optics Express, 2011, 19, 13540.	3.4	4
13	Sagnac loop reflector and arrayed waveguide grating-based multi-wavelength laser monolithically integrated on InP. IET Optoelectronics, 2011, 5, 207-210.	3.3	4
14	Novel Wireless Sensor System for Dynamic Characterization of Borehole Heat Exchangers. Sensors, 2011, 11, 7082-7094.	3.8	27
15	Coherent Direct Sequence optical en/decoding employing low cost DFB lasers with narrow optical band consumption – towards realizable photonic label switching. , 2010, , .		1
16	Auto-Time Gating technique for all optical coherent Direct Sequence encoding and decoding. , 2010, , .		0
17	An amplified coarse wavelength division multiplexing self-referencing sensor network based on phase-shifted FBGs in transmissive configuration. Measurement Science and Technology, 2009, 20, 034017.	2.6	11
18	Influence of the Grating Parameters on the Polarization Properties of Fiber Bragg Gratings. Journal of Lightwave Technology, 2009, 27, 1000-1010.	4.6	31

#	ARTICLE	IF	CITATIONS
19	PDL and DGD Reduction in Bragg Gratings Using Twisted Fibers for the Inscription. IEEE Photonics Technology Letters, 2009, 21, 1689-1691.	2.5	2
20	Effect of group velocity dispersion on all-optical encoded labels in optical packet networks. , 2009, , .		2
21	Relationship Between Chromatic Dispersion and Differential Group Delay in Weakly Birefringent Fiber Gratings. IEEE Photonics Technology Letters, 2008, 20, 437-439.	2.5	1
22	Multi-tap complex-coefficient incoherent microwave photonic filters based on optical single-sideband modulation and narrow band optical filtering. Optics Express, 2008, 16, 295.	3.4	60
23	Amplified CWDM self-referencing sensor network based on phase-shifted FBGs in transmissive configuration. , 2008, , .		3
24	Fiber Bragg gratings for measuring pH and strain in concrete structures. Proceedings of SPIE, 2008, , .	0.8	0
25	Design of high reflectivity superstructured FBG for coherent OCDMA employing synthesis approach. Electronics Letters, 2007, 43, 824.	1.0	5
26	Transverse force sensor exploiting the birefringence effect in uniform fibre Bragg gratings. , 2007, , .		11
27	Determination of the fiber birefringence induced by transversal loads by means of fiber Bragg gratings. Proceedings of SPIE, 2007, , .	0.8	0
28	Fiber optic-based sensors design to test concrete structures. , 2007, , .		0
29	Coherent direct sequence optical code multiple access encoding-decoding efficiency versus wavelength detuning. Optics Letters, 2007, 32, 1896.	3.3	8
30	Transverse Strain Measurements Using the Birefringence Effect in Fiber Bragg Gratings. IEEE Photonics Technology Letters, 2007, 19, 966-968.	2.5	52
31	Continuous tuning of photonic transversal filter based on the modification of tapped weights. IEEE Photonics Technology Letters, 2006, 18, 1594-1596.	2.5	17
32	Use of the polarization properties of fiber Bragg gratings for sensing purposes. , 2006, 6189, 516.		1
33	Highly selective microwave photonic filters based on active optical recirculating cavity and tuned modulator hybrid structure. Electronics Letters, 2005, 41, 1133.	1.0	31
34	Spectral characterization of differential group delay in uniform fiber Bragg gratings. Optics Express, 2005, 13, 9954.	3.4	36